MACOM

100 Chelmsford Street Lowell, MA 01851 +1 978.656.2500

www.macom.com



January 27, 2025

Richardson RFPD, Inc. 2001 Butterfield Road, Suite 1800 Downers Grove, Illinois 60515

ATTN: Quality/Purchasing Manager

PCN-01819

Subject: Change in the Wire Bonding Process Technique - Transistor, Bipolar

Dear Valued Customer,

The goal of MACOM Technology Solutions is to continually deliver high quality products and services that meet our customers' needs. In accordance with these goals, this communication is to inform you that MACOM is making changes to the following products. You are receiving this notice because you have purchased one or more of these products in the past two years.

A change in the Wire Bonding Process Technique from Manual Wedge Bonding to Automatic Ball Bonding. Details of this change are on the following page. Please contact your local sales representative if you have any specific questions.

Sincerely,

Paul Wade Senior Product Marketing Manager paul.wade@macom.com PCN Number: PCN-01819 PCN Date: January 27, 2025

Title: Change in the Wire Bonding Process Technique - Transistor, Bipolar

Proposed 1st Ship Date: Estimated Sample Availability:

April 18th, 2025 Based on the evaluation process case by case

Change Type:

Assembly Site Design Electrical Specification

Test Site Assembly Process X Mechanical Specification

Test Process Assembly Materials Packing/Shipping/Labeling

PCN Details

- Description of Change:

MACOM is making change in the Wire Bonding Process Technique from "Manual Wedge Bonding" to "Automatic Ball Bonding".

- Reason for Change:

To improve the manufacturability of the part and enhance the wire bonding process, we propose replacing the manual method with an automated one. This change aims to increase the quality and consistency of bondability during the wire bonding process. Automated Ball Bonding delivers superior bondability results compared to Manual Wedge Bonding.

Products Affected:

1000004204	MAPHST0049	PH1214-110M	PH2931-20M	PH8982	PH9159
MAPH-000066-FL0000	MAPHST0063	PH1214-220M	PH3134-20L	PH9008	PH9160
MAPH-008780-000000	MAPHST0066	PH1214-300M	PH3134-30S	PH9031	PH9161A
MAPH-010475-000000	MAPHST0083	PH1214-30EL	PH3134-55L	PH9032	PH9182
MAPH-011002-000000	MAPR-000912-500S00	PH1214-55EL	PH3134-65M	PH9037	PH9182P
MAPHST0007	MAPR-001011-850S00	PH1214-80M	PH3135-20M	PH9049	PH9186
MAPHST0008	MAPR-001090-350S00	PH2226-110M	PH3135-25S	PH9051	PH9186-1
MAPHST0019	MAPRST0912-350	PH2226-50M	PH3135-65M	PH9051G	PH9195
MAPHST0020	MAPRST1030-1KS	PH2729-110M	PH3135-90S	PH9084	PH9197
MAPHST0032	MAPRST1214-150UF	PH2729-130M	PH8906	PH9084-2	PH9205
MAPHST0033	MAPRST1214-6UF	PH2729-25M	PH8909	PH9096	PH9209
MAPHST0034	PH1090-350L	PH2729-65M	PH8911	PH9105	PH9210
MAPHST0045	PH1090-550S	PH2731-20M	PH8927	PH9117	
MAPHST0047	PH1090-700B	PH2731-75L	PH8933	PH9133	
MAPHST0048	PH1214-100EL	PH2856-160	PH8959	PH9145	

Anticipated impact on Fit, Form, Function:

Form, Fit, and Function unaffected.

Changes to product identification resulting from this PCN:

None